

A color printer (10) for imaging onto a photosensitive medium (140) that contains four or more layers for providing images having an expanded color gamut. Color printer (10) directs polarized light from each of four or more light sources (12) to a spatial light modulator (20) for forming an image to be printed. Modulated light is conditioned as necessary, then focused through a print lens (110) onto photosensitive medium (140). Light sources 12 can be lasers, LEDs, or other suitable components. Embodiments may use a single spatial light modulator (20) shared with each color path or a spatial light modulator (20) in each of the four color paths.